

**222-S Project Managers Meeting & Misc. Lab Issues  
(TSD: TS-2-1)**

2440 Stevens Center, room 1200

August 5, 2004

1:00 – 1:45 p.m.

**RECEIVED**  
SEP 22 2004  
**EDMC**

DOE: *lib* *A Stevens* 9-16-04  
Andrew Stevens Date

ECOLOGY: *Rick Bond* 9-16-04  
Rick Bond Date

# MEETING MINUTES

222-S Project Manager's Meeting and Miscellaneous Lab Issues (TSD:TS-2-1)

8/5/04

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## Meeting Attendees:

Andrew Stevens, DOE ORP  
Tracy Gao, Ecology  
Barbara Hill, CH2M HILL

Rick Bond, Ecology  
Lucinda Borneman, CH2M HILL  
Don Hardy, CH2M HILL

## Introduction:

Mr. Andy Stevens, ORP, called the meeting to order at 1:00 p.m.

## Approval of Previous Meeting Minutes:

RL and Ecology approved the June 2004 meeting minutes. There was no meeting in July.

## Status of Action Items: No Action Items

## 222-S Laboratory TSD Issues:

No issues were discussed.

## 222-S Laboratory Operations:

Mr. Don Hardy and Ms. Barb Hill, CH2M HILL, presented the 222-S Operations and Analytical reports for July 2004. The reports are attached.

Mr. Andy Stevens related that the Small Business initiative for chemistry support at 222-S is under review at DOE Headquarters.

## Miscellaneous Issues

Don Hardy informed Ecology that CH2M HILL has placed company-wide hold on all high and medium-risk radiological work until more in-depth radiological and contingency work planning is completed. The company placed this hold and more extensive planning requirements as a compensatory action from an unrelated personnel exposure incident in the Tank Farms. Tank sampling is a medium-risk task, therefore, sampling events will continue when the hold is lifted. As a result of the hold, and the continuing vapor issues in the tank farms, the sample load at 222-S laboratory is extremely light.

## Next Meeting:

September 16, 2004

2440 Stevens, room 1600

9:30 – 10:15 a.m.

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)

8/05/04

**Attachment 1**

**List of Attendees**

**Agenda**

**Action Items**

**222-S Lab Operations Report**

**Other Handouts**

## 222-S Project Managers Meeting & Misc. Lab Issues

2440 Stevens Center, room 1200

August 5, 2004

1:00 – 1:45 p.m.

### Agenda

1. Introductions
2. Approval of Previous Meeting Minutes
3. Status of Action Items
4. 222-S TSD Issues
5. 222-S Laboratory
  - 5.1. Operational Report
6. Misc. Issues
7. Review of New Action Items

1:00 - 1:45 p.m.

[illegible]

**MONTHLY OPERATIONS REPORT**  
**222-S Laboratory**  
**July 2004**

Installation of the new main stack (296-S-21 Stack) and sampling equipment was completed during this reporting period.

The drain lines from the sinks in Room 2B, Hood 16 to the 219-S Tank System were successfully cleared during this reporting period. Facility personnel noticed that waste being poured into the sinks drained slower than usual and backed up into the sink when large amounts of waste were poured. The drain lines between the sinks and the strainer were cleared and were found to contain foreign material (i.e., a small vial, etc.) that obstructed flow. The funnels used to pour waste into the drain lines have been fitted with a screen to prevent foreign matter from entering the drain lines. The drain lines are operating normally following the clean out.

During this reporting period the following waste management activities occurred:

- Completed removal the Low Level Waste from the 222S bull-pen. Newly generated Low Level Waste is being accumulated in Sea-Land boxes prior to shipment to Pacific Ecology Solutions, Inc. (PEcoS) for treatment and disposal at Hanford.
- Received four containers of glass generated as part of the WTP treatability studies in anticipation of additional analytical activities. The glass will be used by 222S to support continued testing and data gathering for the Waste Treatment Project and other potential treatment processes (i.e., laser ablation, bulk vitrification, etc.). The samples are being stored in the 222-S Laboratory Dangerous and Mixed Waste Storage (DMWSA).
- 12 hedgehogs of liquid waste were received from PEcoS and transferred to the 219S Tank System. The waste was generated as a result of treatability studies of Tank Waste at SRTC.
- Contracts and work instructions have been developed to manage the reactive waste found in archive sample storage. The contractor will be at Hanford to inhibit and stabilize the waste the week of August 9.
- Shipped 1 drum of non-radiological PCB waste for off-site treatment.

**MONTHLY ANALYTICAL REPORT**  
**222-S Laboratory**  
**July 2004**

New GC/MS for Volatiles analysis installation was completed

Preparations continue for the Bechtel National, Inc. audit of the 222-S Quality Assurance program for compliance to NQA-1. Successful completion of this audit is required in order for the 222-S Laboratory to fully support the analytical needs of the Waste Treatment Project.

222-S Laboratory is developing in-house capability to perform analysis of DST/SST headspace vapors. The Headspace Sampling Head Assembly capability completed and 222-S Laboratory will takeover the process in August. Ammonia capability is in progress, other sorbent tube analysis to follow. Summa canister capability for organics is in progress.

EPA Water Pollution Performance Evaluation samples results received. The Inorganic team scored a 96% (48 of 50 analytes reported correctly). The Organic team delivered a PERFECT 100% (113 of 113 analytes reported correctly).

The 222-S Laboratory is developing several project specific Quality Assurance Plans in order to provide specialty or project specific analytical support. The two specialty areas that have Quality Assurance Plans under development are Industrial Hygiene, and Waste Isolation Pilot Project (WIPP) TRU analyses. Both the Industrial Hygiene and TRU QAPP are in draft and are being reviewed.

## CORRESPONDENCE DISTRIBUTION COVERSHEET

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373-2821

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Subject:

222-S PROJECT MANAGERS' MEETING AND MISCELLANEOUS LAB ISSUES  
(TSD: TS-2-1), AUGUST 2004

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		Administrative Record	H6-08	X
		H. L. Anastos	T6-12	X
<u>LE Borneman</u>	<u>9/16/04</u>	L. E. Borneman	T6-16	X
		D. B. Hardy	T6-14	X
		B. R. Hill	T6-03	X
		M. N. Jarayssi	H6-03	X
		P. C. Miller	R1-51	X
		K. S. Tollefson	R3-26	X
		222-S Regulatory File	T6-16	X
		LEB File/LB	T6-16	X
		<b><u>U.S. Department of Energy</u></b>		
		<b><u>Office of River Protection</u></b>		
		R. W. Russell	H6-60	X
		A. J. Stevens	H6-60	X
		<b><u>Washington State Department of Ecology</u></b>		
		F. W. Bond	B5-18	X
		T. Z. Gao	B5-18	X
		N. Smith-Jackson	B5-18	X